

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-230790

(43)Date of publication of application : 22.08.2000

(51)Int.Cl.

F28D 15/02

(21)Application number : 11-029497 (71)Applicant : ALPS ELECTRIC CO LTD

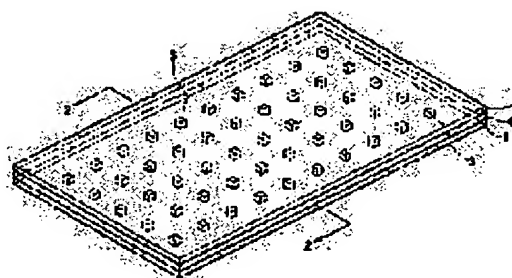
(22)Date of filing : 08.02.1999 (72)Inventor : ITO TAKUO

(54) FLAT TYPE HEAT PIPE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a flat type heat pipe wherein a heat receiving plate and a radiation plate can be easily bonded to each other and a wick can be easily mounted to the plates.

SOLUTION: In the heat pipe, a plurality of wire mesh bodies 3 are arranged between a heat receiving plate 1 and a radiation plate 2 so as to be spaced apart from one another by predetermined intervals. An adhesive is impregnated into each body 3 to form an interval holding spacer between the plate 1 and the plate 2. The plate 1 can be easily bonded to the plate 2 so as to be spaced from each other through the wire mesh bodies 3 each of which is impregnated with adhesives, and a wick can be easily disposed in fluid passages for working liquid formed between regularly spaced apart bodies 3.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]

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(19) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11) 特許出願

特開2000-

(P2000-2

(43) 公開日 平成12年 8 月

(51) Int.Cl.

F 2 8 D 15/02

識別記号

1 0 1

F I

F 2 8 D 15/02

1 0 1 H

L

審査請求 未請求 請求項の数 2 (

(21) 出願番号 特願平11-29497

(22) 出願日 平成11年 2 月 8 日 (1999. 2. 8)

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(54) 【発明の名称】 平坦型ヒートパイプ

(57) 【要約】

【課題】 受熱板と放熱板とを容易に接着できかつウィックの装着を容易にさせた平坦型ヒートパイプを提供する。

【解決手段】 受熱板1と放熱板2との間に複数の金網体3を所定間隔あけて配置する。これら金網体3内に接着剤4を含浸させて受熱板1と放熱板2の間隔保持スペーサを形成する。複数の金網体3に含浸させた接着剤4によって受熱板1と放熱板2とを金網体3自体の大きさによる間隔をあけて金網体3自体を介して容易に接着でき、かつ、所定間隔あけて配置した金網体3間に形成されるところの作動液の流路に容易にウィックを配置させることができる。

